

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069541.D
 Acq On : 17 Nov 2021 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:12:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1708489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1638044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	729659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	796148	54.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.200%			
35) Dibromofluoromethane	8.024	113	561561	54.804	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.443	98	2165860	53.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.731	95	821132	55.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	511632	47.188	ug/l	99
3) Chloromethane	2.301	50	584832	46.510	ug/l	99
4) Vinyl Chloride	2.443	62	586680	46.597	ug/l	99
5) Bromomethane	2.832	94	439324	53.727	ug/l	99
6) Chloroethane	3.006	64	396516	46.658	ug/l	95
7) Trichlorofluoromethane	3.368	101	880945	45.272	ug/l	96
8) Diethyl Ether	3.821	74	321390	51.049	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	461508	50.349	ug/l	95
10) Methyl Iodide	4.414	142	593235	52.767	ug/l	97
11) Tert butyl alcohol	5.388	59	718541	270.982	ug/l	99
12) 1,1-Dichloroethene	4.173	96	406795	49.455	ug/l	91
13) Acrolein	4.036	56	104085	277.935	ug/l	97
14) Allyl chloride	4.835	41	936386	51.489	ug/l	93
15) Acrylonitrile	5.556	53	2006486	295.490	ug/l	100
16) Acetone	4.291	43	1932374	243.387	ug/l	97
17) Carbon Disulfide	4.524	76	748415	38.492	ug/l	99
18) Methyl Acetate	4.856	43	1426279	55.263	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	1901840	54.633	ug/l	98
20) Methylene Chloride	5.095	84	565380	50.218	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	460204	50.091	ug/l	90
22) Diisopropyl ether	6.498	45	2137839	54.572	ug/l	94
23) Vinyl Acetate	6.436	43	8460635	279.237	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1052941	52.770	ug/l	99
25) 2-Butanone	7.337	43	3031902	282.018	ug/l	92
26) 2,2-Dichloropropane	7.324	77	750171	48.052	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	611585	53.699	ug/l	89
28) Bromochloromethane	7.659	49	529147	51.784	ug/l #	81
29) Tetrahydrofuran	7.686	42	1955253	296.364	ug/l	90
30) Chloroform	7.820	83	1099914	53.770	ug/l	100
31) Cyclohexane	8.096	56	913891	45.459	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	902336	52.846	ug/l	95
36) 1,1-Dichloropropene	8.220	75	734017	51.059	ug/l	97
37) Ethyl Acetate	7.415	43	1172149	60.317	ug/l	95
38) Carbon Tetrachloride	8.206	117	726733	52.362	ug/l	100
39) Methylcyclohexane	9.461	83	874447	48.897	ug/l	92
40) Benzene	8.461	78	2360819	53.204	ug/l	99

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41) Methacrylonitrile	7.640	41	579884	57.750	ug/l	90
42) 1,2-Dichloroethane	8.531	62	953009	54.850	ug/l	97
43) Isopropyl Acetate	8.563	43	1791785	57.404	ug/l	94
44) Trichloroethene	9.217	130	550116	51.801	ug/l	89
45) 1,2-Dichloropropane	9.491	63	662227	55.859	ug/l	100
46) Dibromomethane	9.579	93	429965	54.147	ug/l	93
47) Bromodichloromethane	9.765	83	823765	55.592	ug/l	99
48) Methyl methacrylate	9.561	41	827544	56.352	ug/l	92
49) 1,4-Dioxane	9.571	88	303948	1042.652	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	6207723	308.112	ug/l	96
52) Toluene	10.507	92	1483301	53.657	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	853728	47.025	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	935739	48.783	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	640689	57.495	ug/l	98
56) Ethyl methacrylate	10.762	69	1081994	51.461	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1096959	56.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1344519	249.089	ug/l	93
59) 2-Hexanone	11.087	43	4538025	266.231	ug/l	94
60) Dibromochloromethane	11.240	129	595472	48.750	ug/l	99
61) 1,2-Dibromoethane	11.347	107	645879	51.887	ug/l	99
64) Tetrachloroethene	10.979	164	507667	51.328	ug/l	96
65) Chlorobenzene	11.771	112	1624878	53.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	595784	56.336	ug/l	99
67) Ethyl Benzene	11.846	91	2985810	53.097	ug/l	97
68) m/p-Xylenes	11.953	106	2221983	107.438	ug/l	95
69) o-Xylene	12.283	106	1124091	54.519	ug/l	95
70) Styrene	12.294	104	1847102	49.899	ug/l	97
71) Bromoform	12.460	173	423575	46.393	ug/l #	99
73) Isopropylbenzene	12.581	105	2977438	51.250	ug/l	99
74) N-amyl acetate	12.390	43	1386962	56.333	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1062292	54.215	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1001971m	59.504	ug/l	
77) Bromobenzene	12.862	156	693436	52.190	ug/l	80
78) n-propylbenzene	12.921	91	3370747	51.563	ug/l	96
79) 2-Chlorotoluene	13.010	91	2087176	51.566	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2433868	51.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	251997	45.178	ug/l	89
82) 4-Chlorotoluene	13.106	91	1982801	51.388	ug/l	94
83) tert-Butylbenzene	13.323	119	2184467	53.076	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2385695	52.617	ug/l	98
85) sec-Butylbenzene	13.503	105	3046398	52.987	ug/l	98
86) p-Isopropyltoluene	13.616	119	2410658	52.818	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1214015	52.702	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1165439	51.572	ug/l	98
89) n-Butylbenzene	13.943	91	1977725	51.963	ug/l	98
90) Hexachloroethane	14.211	117	397900	47.542	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1181426	53.898	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	183811	50.440	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	531612	46.518	ug/l	98
94) Hexachlorobutadiene	15.370	225	322700	56.659	ug/l	99
95) Naphthalene	15.507	128	1495288	46.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	528831	48.269	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

